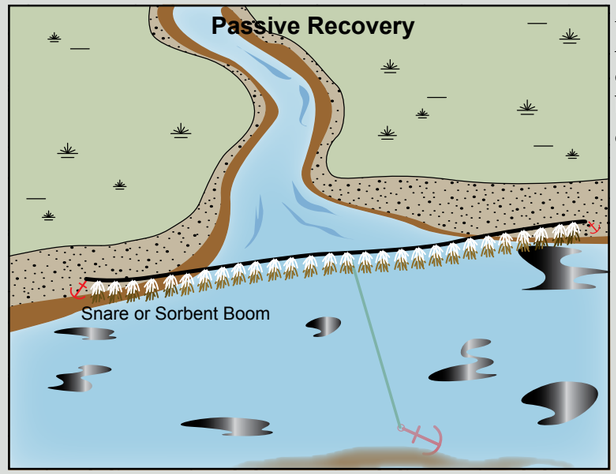
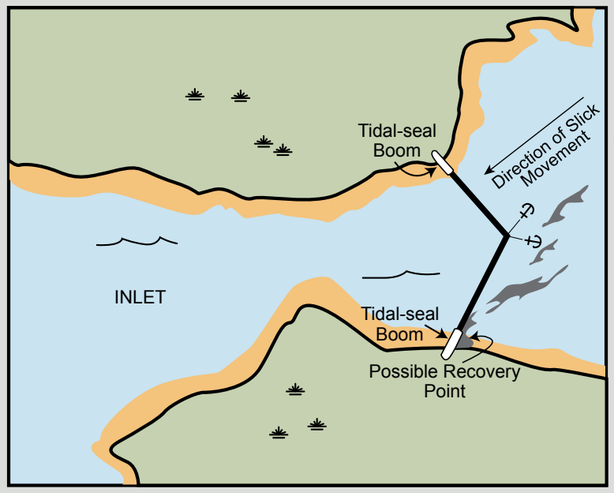
Goodhope River, NWA-N31

Geographic Response Strategies for Northwest Arctic Subarea, Northern Zone



An example of the ***Passive Recovery Tactic***. Actual deployment should be adjusted for local conditions.



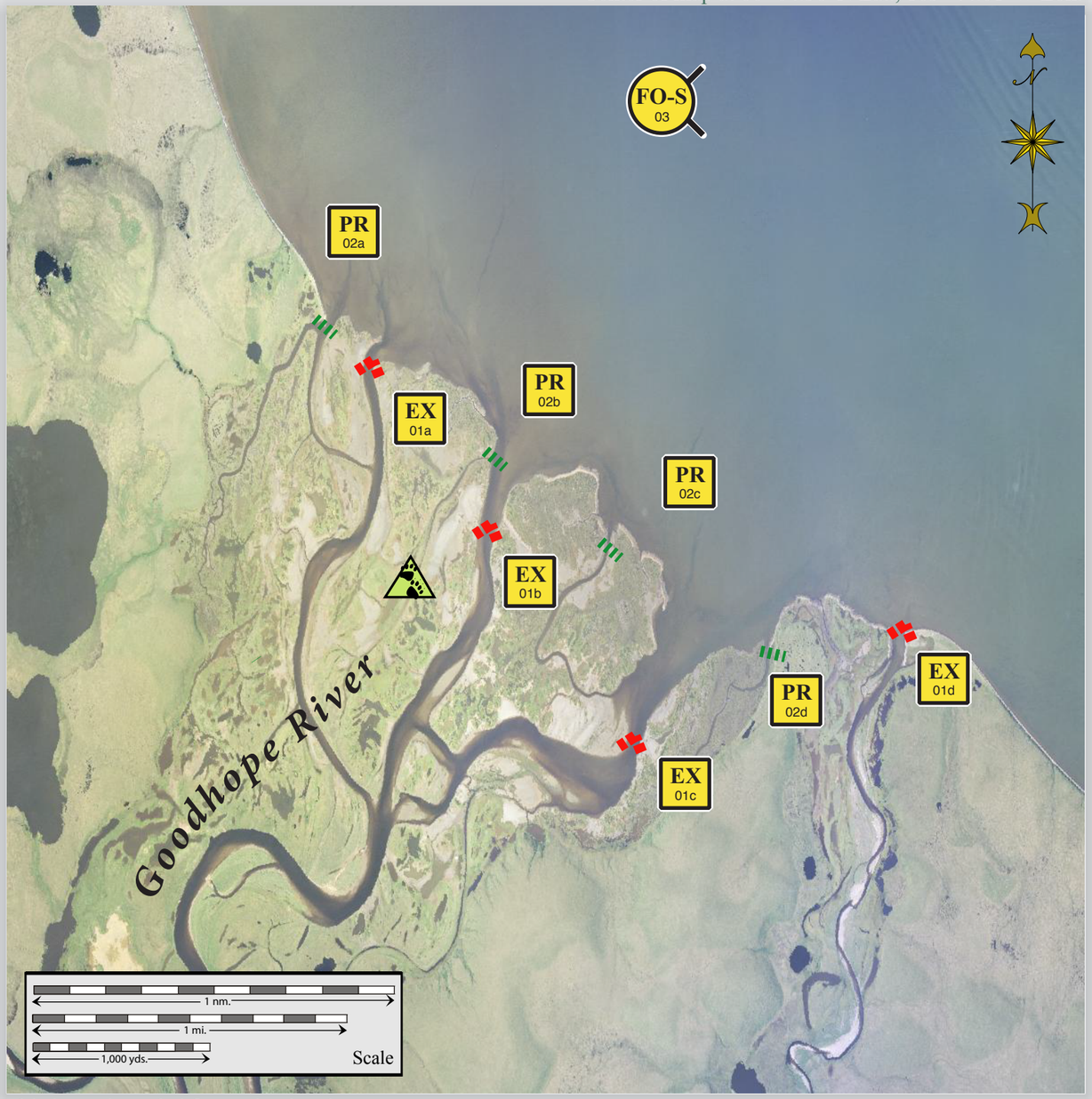
An example of the ***Exclusion Booming Tactic***. Actual deployment should be adjusted for local conditions.

Map Legend

- FO-S — Free-oil Recovery
- EX — Exclusion Booming
- PR — Passive Recovery
- Protected-water Boom
- Snare or Sorbent Boom
- Bears in Area, Guards Recommended

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Center of map at 66° 04.38' N Lat., 163° 44.01' W Lon.



This is not intended for navigational use.

April 19, 2013

DRAFT This tactic map is a working draft being used to develop a Geographic Response Strategy at this location. The tactics represented here have not been approved by the Subarea Committee and should not be considered final. If you have questions or comments please contact us by email at contact@nukaresearch.com.

NUKA Research & Planning Group, LLC.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-31-01 **EX**	**Good Hope River** a. Lat. 66° 04.65'W Lon. 163°45.62'W b. Lat. 66° 04.27'W Lon. 163°44.76'W c. Lat. 66° 03.85'W Lon. 163°43.60'W	**Exclusion** Exclude oil from entering the Good Hope River and Cripple Creek.	Deploy anchors and boom with skiffs (class 6). Place protected-water boom in a chevron pattern in front of the entrance to river and creeks. If surf conditions preclude deploying the boom outside the entrance, move the array inside the channel. Tend throughout the tide. Boom Lengths: a. 250 ft. b. 350 ft. c. 350 ft.	**Deployment** **Equipment** 950 ft. protected-water boom 9 ea. anchor systems 4 ea. anchor stakes **Vessels** 1 ea. class 3 1 ea. class 6 1 ea. inflatable raft **Personnel/Shift** 7 ea. vessel crew **Tending** **Vessels** 1 ea. class 6 1 ea. class 3 **Personnel/Shift** 5 ea. vessel crew	Vessel platform	Via marine waters Chart 16240	Fish- salmon spawning, dolly varden, white fish Birds- waterfowl concentration, shorebird concentration, seabird nesting Habitat- gravel beaches, low lying tundra Human Use: Subsistence	Vessel master should have local knowledge. Survey: not yet Tested: not yet
N-31-02 **PR**	**Good Hope River** a. Lat. 66° 04.70'W Lon. 163°46.02'W b. Lat. 66° 04.43'W Lon. 163°44.83'W c. Lat. 66° 04.26'W Lon. 163°43.79'W d. Lat. 66° 04.03'N Lon. 163°42.54'W	**Passive Recovery** Using passive recovery boom exclude and recover oil that may enter the small channels of the Good Hope River.	Place and anchor snare line or sorbent boom across the small channels of streams in Good Hope River. If skiff access is not feasible use a small inflatable raft to extend the boom across. Replace as necessary to maximize the recovery. Boom Lengths: a. 200 ft. b. 150 ft. c. 100 ft. d. 100 ft.	**Deployment** **Equipment** 550 ft. Snare line or sorbent boom 4 ea. small anchor systems 16 ea. anchor stakes **Vessels/Personnel/Shift** Same as N-31-01 **Tending** **Vessels/Personnel/Shift** Same as N-31-01	Vessel platform	Via marine waters Chart 16240	Same as N-31-01	Vessel master should have local knowledge.
N-31-03 **FO-S**	**Good Hope River** Nearshore waters in the general area of: Lat. 66° 05.09'N Lon. 163°43.81'W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Good Hope River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Good Hope River. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Kotzebue	Via marine waters Chart 16240	Same as N-31-01	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.